

INTERNATIONAL SEARCH REPORT

International Application No
PCT/GB2004/000999

A. CLASSIFICATION OF SUBJECT MATTER IPC 7 G11B5/842 G11B5/712 H01F41/16 H01F10/00 H01F1/00 A61K9/28				
According to International Patent Classification (IPC) or to both national classification and IPC				
B. FIELDS SEARCHED Minimum documentation searched (classification system followed by classification symbols) IPC 7 G11B H01F A61K				
Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched				
Electronic data base consulted during the international search (name of data base and, where practical, search terms used) EPO-Internal, WPI Data, PAJ				
C. DOCUMENTS CONSIDERED TO BE RELEVANT				
Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.		
A	PAUL CALVERT: "Inkjet Printing for Materials and Devices" CHEM. MATER., vol. 13, 9 December 2001 (2001-12-09), pages 3299-3305, XP002284900 cited in the application the whole document	1-3,6,7, 13,14, 26-29, 35,36, 48-51, 57,58, 61,70, 71,85,86		
A	EP 1 217 616 A (NANOMAGNETICS LTD) 26 June 2002 (2002-06-26)	1,3-5, 17-21, 26, 40-43, 48,61, 65,66		
X	claims 1,3-8 paragraphs [0001], [0009]	85,86		
-/-				
<input checked="" type="checkbox"/> Further documents are listed in the continuation of box C.				
<input checked="" type="checkbox"/> Patent family members are listed in annex.				
* Special categories of cited documents : <table border="0"> <tr> <td style="vertical-align: top;"> "A" document defining the general state of the art which is not considered to be of particular relevance "E" earlier document but published on or after the international filing date "L" document which may throw doubts on priority claim(s) or which is cited to establish the publication date of another citation or other special reason (as specified) "O" document referring to an oral disclosure, use, exhibition or other means "P" document published prior to the international filing date but later than the priority date claimed </td> <td style="vertical-align: top;"> "T" later document published after the international filing date or priority date and not in conflict with the application but cited to understand the principle or theory underlying the invention "X" document of particular relevance; the claimed invention cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone "Y" document of particular relevance; the claimed invention cannot be considered to involve an inventive step when the document is combined with one or more other such documents, such combination being obvious to a person skilled in the art. "&" document member of the same patent family </td> </tr> </table>			"A" document defining the general state of the art which is not considered to be of particular relevance "E" earlier document but published on or after the international filing date "L" document which may throw doubts on priority claim(s) or which is cited to establish the publication date of another citation or other special reason (as specified) "O" document referring to an oral disclosure, use, exhibition or other means "P" document published prior to the international filing date but later than the priority date claimed	"T" later document published after the international filing date or priority date and not in conflict with the application but cited to understand the principle or theory underlying the invention "X" document of particular relevance; the claimed invention cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone "Y" document of particular relevance; the claimed invention cannot be considered to involve an inventive step when the document is combined with one or more other such documents, such combination being obvious to a person skilled in the art. "&" document member of the same patent family
"A" document defining the general state of the art which is not considered to be of particular relevance "E" earlier document but published on or after the international filing date "L" document which may throw doubts on priority claim(s) or which is cited to establish the publication date of another citation or other special reason (as specified) "O" document referring to an oral disclosure, use, exhibition or other means "P" document published prior to the international filing date but later than the priority date claimed	"T" later document published after the international filing date or priority date and not in conflict with the application but cited to understand the principle or theory underlying the invention "X" document of particular relevance; the claimed invention cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone "Y" document of particular relevance; the claimed invention cannot be considered to involve an inventive step when the document is combined with one or more other such documents, such combination being obvious to a person skilled in the art. "&" document member of the same patent family			
Date of the actual completion of the international search 18 June 2004		Date of mailing of the international search report 07. 07. 2004		
Name and mailing address of the ISA European Patent Office, P.B. 5818 Patentlaan 2 NL - 2280 HV Rijswijk Tel. (+31-70) 340-2040, Tx. 31 651 epo nl, Fax: (+31-70) 340-3016		Authorized officer Stichauer, L		

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C.(Continuation) DOCUMENTS CONSIDERED TO BE RELEVANT		
Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
A	<p>US 6 361 161 B1 (CARLTON DONN B ET AL) 26 March 2002 (2002-03-26)</p> <p>claims 1,3,6 column 1, line 46 - column 5, line 65 -----</p>	<p>1,2,17, 26,27, 40,48, 49,61, 62,65, 85,86</p>
A	<p>WO 96/22533 A (FIRST MEDICAL INC) 25 July 1996 (1996-07-25) cited in the application</p> <p>claims 1,2,4,8,15-17,19,23,25 page 4, line 21 - line 25 page 8, line 34 - line 37 page 11, line 35 - page 13, line 2 -----</p>	<p>1,2, 10-14, 26,27, 32-36, 48,49, 54-58, 70,71, 74-78</p>
A	<p>US 2003/048341 A1 (STEARNS RICHARD G ET AL) 13 March 2003 (2003-03-13)</p> <p>claims 1,4,15,16,42,116,124,130,136,142 paragraphs [0050], [0057], [0061], [0062], [0077], [0082], [0106] example 4 -----</p>	<p>1,8-11, 26, 30-33, 48, 52-55, 61-63, 70, 72-75,85</p>
A	<p>US 2001/055669 A1 (GOLDWASSER ISY ET AL) 27 December 2001 (2001-12-27)</p> <p>claims 13,16-19,21,31-33,53,54,59,87,92-95,97,101 paragraphs [0004], [0012], [0017] - [0019], [0066], [0073], [0092], [0130] - [0136], [0176], [0177], [0225] - [0227] tables I,VI -----</p>	<p>1,2,10, 11,26, 27,32, 33,48, 49,54, 55,61, 62,70, 71,74, 75,85,86</p>

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C.(Continuation) DOCUMENTS CONSIDERED TO BE RELEVANT		
Category °	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
A	<p>RODA A ET AL: "Protein microdeposition using a conventional ink-jet printer" BIOTECHNIQUES, EATON PUBLISHING, NATICK, US, vol. 28, no. 3, March 2000 (2000-03), pages 492-496, XP002164952 ISSN: 0736-6205 cited in the application the whole document</p> <p>-----</p>	70-80

FURTHER INFORMATION CONTINUED FROM PCT/ISA/ 210

This International Searching Authority found multiple (groups of) inventions in this international application, as follows:

1. claims: 1-25,85-86

a known method used to form a magnetic recording device, and magnetic recording device obtainable by said method

2. claims: 26-47,48-69

a method of forming a magnetisable film or a film of inorganic nanoparticles, said method characterized by using a suspension of magnetisable or inorganic nanoparticles, each having been formed within a protein shell

3. claims: 70-84

a method of forming a protein thin film, said method characterized by including a membrane filtration step

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Box II Observations where certain claims were found unsearchable (Continuation of item 2 of first sheet)

This International Search Report has not been established in respect of certain claims under Article 17(2)(a) for the following reasons:

1. ☐ Claims Nos.:
because they relate to subject matter not required to be searched by this Authority, namely:
2. ☐ Claims Nos.:
because they relate to parts of the International Application that do not comply with the prescribed requirements to such an extent that no meaningful International Search can be carried out, specifically:
3. ☐ Claims Nos.:
because they are dependent claims and are not drafted in accordance with the second and third sentences of Rule 6.4(a).

Box III Observations where unity of invention is lacking (Continuation of item 3 of first sheet)

This International Searching Authority found multiple inventions in this international application, as follows:

see additional sheet

1. ☐ As all required additional search fees were timely paid by the applicant, this International Search Report covers all searchable claims.
2. ☒ As all searchable claims could be searched without effort justifying an additional fee, this Authority did not invite payment of any additional fee.
3. ☐ As only some of the required additional search fees were timely paid by the applicant, this International Search Report covers only those claims for which fees were paid, specifically claims Nos.:
4. ☐ No required additional search fees were timely paid by the applicant. Consequently, this International Search Report is restricted to the invention first mentioned in the claims; it is covered by claims Nos.:

Remark on Protest

- ☐ The additional search fees were accompanied by the applicant's protest.
- ☐ No protest accompanied the payment of additional search fees.

INTERNATIONAL SEARCH REPORT

Information on patent family members

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